

Serial No. 10/657,524

Amdt. in Response to Office Action mailed Dec. 31, 2007

UTILITY PATENT

B&D No. TN3481

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:RECEIVED
CENTRAL FAX CENTER

Claim 1 (currently amended): A saw comprising:

MAR 31 2008

a base for supporting a workpiece;
a saw assembly connected to the base, the saw assembly comprising a pivot arm, an upper blade guard connected to the pivot arm, a motor attached to the upper blade guard, and a blade driven by the motor, the saw assembly being movable between an upper position for not engaging the workpiece, and a lower position for engaging the workpiece; and

a fence assembly attached to the base and disposed to one side of the blade, the fence assembly comprising

a fixed fence fixedly attached to the base and disposed on the one side of the blade,

a movable fence slidably connected to and removably connected to the fixed fence and disposed on the one side of the blade, the movable fence being linearly movable horizontally relative to the fixed fence, the movable fence defining a first support plane, at least one of the fixed fence and the movable fence for contacting the workpiece, and

an auxiliary fence disposed on the one side of the blade behind at least one of the fixed fence and the movable fence, the auxiliary fence being higher than a highest point on the fixed fence and defining a second support plane substantially parallel to the first support plane, so that when the movable fence is removed, no portion of the fence

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assembly is above the fixed fence and in front of the second support plane, allowing the auxiliary fence to contact the workpiece;

wherein a first line extending from the auxiliary fence and substantially perpendicular to the second support plane contacts the movable fence at a contact point, and a second line extending substantially parallel to the second support plane from the fixed fence will intersect the first line,

wherein the blade fully cuts a workpiece completely disposed within a first distance between the auxiliary fence and a first forwardmost edge of the blade (along a substantially horizontal direction), the first distance being longer than a second distance between the fixed fence and a second forwardmost edge of the blade (along the substantially horizontal direction).

Claim 2 (withdrawn): The saw of Claim 1, further comprising a table rotatably attached to the base.

Claim 3 (withdrawn): The saw of Claim 2, wherein the saw assembly is pivotably attached to the table.

Claim 4 (withdrawn): The saw of Claim 2, further comprising a support housing connected to one of the table and the saw assembly, and at least one rail slidably connected to one of the table and the support housing,

Claim 5 (withdrawn): The saw of Claim 4, wherein the saw assembly further comprises a trunnion disposed on the at least one rail, the pivot arm being pivotably attached to the trunnion.

Claim 6 (original): The saw of Claim 1, wherein the fixed fence has a support surface.

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Claim 7 (original): The saw of Claim 6, wherein the support surface is substantially parallel to an upper surface of the base.

Claim 8 (original): The saw of Claim 6, wherein the support surface is substantially perpendicular to the first support plane.

Claim 9 (original): The saw of Claim 1, wherein the fixed fence has a surface which is substantially coplanar with the first support plane.

Claims 10-16 (canceled).

Claim 17 (previously presented): The saw of Claim 1, wherein a distance between the first and second support planes is about 1.65 inches.

Claim 18 (new): The saw of Claim 1, wherein the first and second lines intersect at the contact point.